Power situtation in the country

249. SHRI TARIQ ANWAR: Will the Minister of POWER be pleased to state:

(a) whether it is fact that despite a11 the steps taken, the condition of the power in the country is not upto the mark:

(b) if so, the shortage of electricity. State-wise; and

(c) the action Government propose to take during the Eleventh Five Year Plan?

THE MINISTER OF POWER (SHRI SUSH1L KUMAR SHINDE): (a) and (b) There is overall shortage of power in the country. The shortages vary from State to State and season to season as well as times of the day depending on demand and supply of power. During April-July!. 2007, the energy and peak shortage in the country were 18,969 MU (7.9%) & 13,686 MW (13.4%) respectively. The State-wise details of shortage of power in the country during July, 2007 and April-July, 2007 are given in the Statement-I and II *(See* below).

(c) The actions being taken/proposed to be taken by the Government in the Eleventh Five Year Plan to bridge the gap between demand and supply of electricity *inter alia* include:

> Augmentation of generation capacity. Capacity addition to the tune of 78,500 MW is proposed for the Eleventth Plan.

> Development of Ultra Mega Power Projects of 4000 MW capacity each under tariff based competitive bidding route.

> Strengthening of inter-state and inter-regional transmission capacity for optimum utilization of available power.

> Accelerated Power Development and Reforms Programme (APDRP) for reduction of AT&C losses, etc.

> Harnessing surplus captive power into the grid.

> Promoting demand side management, energy efficiency and energy conservation measures.

Statement-I

The state-wise details of shortage of power in the country

Power Supply Position (Provisional)

Figures in MU net

State/ System/ Region	July, 2007				April to July, 2007			
	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)
Chandigarh	144	144	0	0.0	549	549	0	0.0
Delhi	2,329	2,324	-5	-0.2	8,650	8,630	-20	-0.2
Haryana	2,953	2,753	-200	-6.8	9,841	9,122	719	-7.3

State/ System/ Region	July, 2007				April to July, 2007			
	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)	Require-ment (MU)	Availability (MU)	Surplus/ Deficit (-) (MU)	(%)
Himachal Pradesh	511	511	0	0.0	1.921	1,910	-11	-0.6
Jammu & Kashmir	712	642	-70	-9.8	3,423	2,571	-852	-24.9
Punjab	4,908	4.708	-200	-4.1	15,439	14,888	-551	-3.6
Rajasthan	2,593	2,593	0	0.0	11.023	10,984	-39	-0.4
Uttar Pradesh	5,334	4.584	-750	-14.1	20,754	18225	-2,529	-12.2
Uttarakhand	5%	5%	0	0.0	2264	2231	-33	-1.5
Northern Region	20,080	18,855	-1,225	-6.1	73,864	69,110	-4,754	-6.4
Chhattisgarh	1,164	1,116	•48	4.1	4,746	4,467	-279	-5.9
Gujarat	4,457	4,079	-378	-8.5	21,727	18,773	-2,954	-13.6
Madhya Pradesh	2,428	2,358.	-70	-2.9	11,430	10,170	-1,260	-11.0
Maharashtra	8247	7,361	-886	-10.7	37287	30,647	-6,640	-17.8
Daman & Diu	139	125	-14	-10.1	557	504	-53	-9.5
D.N. Haveli	260	260	0	0.0	1,076	1,076	0	0.0
Goa	222	221	-1	-0.5	929	920	-9	-1.0
Western Region	16,917	15,520	-1397	-8.3	77,752	66,557	11,195	-14.4
Andhra Pradesh	5259	5,0%	-163	-3.1	20,561	19,453	-1,108	-5.4
Karnataka	3,058	3,031	-27	-0.9	12,924	12.609	-315	-2.4
Kerala	1203	1,191	-12	-1.0	5,105	4,993	-112	-22
Tamil Nadu	5,634	5,593	41	-0.7	22,070	21,712	-358	-1.6
Pondicherry	161	161	0	0.0	641	641	0	0.0
Lakshadweep #	2	2	0	0	8	8	0	0
Southern Region	15,315	15,072	-243	-1.6	61,301	59,408	-1,893	-3.1
Bihar	734	680	-54	-7.4	2,980	2,754	-226	-7.6
DVC	1,092	1,078	-14	-1.3	4375	4292	-83	-1.9
Jharkhand	386	369	-17	4.4	1,565	1,498	-67	4.3
Orissa	1,612	1,594	-18	-1.1	6,083	5,986	-97	-1.6
West Bengal	2,463	2,402	-61	-2.5	9,999	9,715	-284	-2.8
Sikkim	21	20	-1	4.8	84	82	-2	-2.4
Andaman-Nicobar #.	20	15	-5	-25	80	60	-20	-25.0
Eastern Region	6,308	6,143	-165	-2.6	25,086	24,327	-759	-3.0
Arunachal Pradesh	28	26	-2	-7.1	120	102	-18	-15.0
Assam	445	420	-25	-5.6	1,557	1,442	-115	-7.4
Manipur	50	47	-3	-6.0	153	139	-14	-9.2

State/ System Region	July, 200" Require-ment (Mil)	Availabi-lity (MU)	Surpl us/ Deficit (-) (MU)	(%)	April to Ju ly, 2007 Require-ment (MU)	Availabi lity (MU)	- Surplus/ Deficit (-) (MU)	(%)
Meghalaya	154	125	-29	-18.8	534	370	-164	-30.7
Mizoram	24	19	-5	-20.8	93	72	-21	-22.6
Nagaland	29	26	-3	-10.3	132	115	-17	-12.9
Tripura	68	62	-6	-8.8	242	223	-19	-7.9
North-Eastern Region	798	725	-73	-9.1	2,831	2,463	-368	-13.0
All India	59,418	56,315	-3,103	-5.2	240,834	221,865	-18,969	-7.9

Lakshadweep and Andaman & Nicobar Islands are stand-alone systems, power supply position of these, does not form part of regional requirement and availability

NOTE: : Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States.

Net export has been accounted for In the consumption of importing States.

Statement-II

Peak Demand and Peak Met (Provisional)

State/ System/ Region	July, 2007 Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)	April to June Peak Demand (MW)	Peak Met (MW)	ily, 2007 Surplus/ Deficit (-) (MW)	(%)
Chandigarh	264	264	0	0.0	275	275	0	0.0
Delhi	3.909	3,903	-6	-0.2	4,075	4,030	-45	-1.1
Haryana	5,000	4,433	-567	-11.3	5,000	4,583	•417	-8.3
Himachal Pradesh	874	874	0	0.0	874	874	0	0.0
Jammu & Kashmir	1,377	1,227	-150	-10.9	1,700	1,306	-394	-23.2
Punjab	8,000	6,987	-1,013	-12.7	8,000	7,052	-948	-11.9
Rajasthan	4,088	4,088	0	0.0	4,792	4,792	0	0.0
Uttar Pradesh	9,000	8,264	-736	-8.2	9,228	8,328	-900	-9.8
Uttarakhand	1,054	1,054	0	0.0	1,099	1,080	-19	-1.7
Northern Region	32,072	29,414	-2,658	-8.3	32,072	29,414	-2,658	-8.3
Chhattisgarh	2,064	1,823	-241	-11.7	2,266	1,853	413	-18.2
Gujarat	9,642	7,982	-1,660	-17.2	10,728	8,376	-2,352	-21.9
Madhya Pradesh	4,172	4,151	-21	-0.5	5,932	4,829	-1,103	-18.6
Maharashtra	15,127	11,242	-3,885	-25.7	18,441	12,837	-5,604	-30.4

State/ System/ Region	' July, 2007 Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)	April to Ji ily, 2007 Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)
Daman & Diu	218	199	-19	-8.7	218	199	-19	-8.7
D.N. Haveli	433	398	-35	-8.1	433	398	-35	-8.1
Goa	404	376	-28	-6.9	457	408	49	-10.7
Western Region	30,397	24,268	-6,129	-20.2	36,371	26,732	-9,639	-26.5
Andhra Pradesh	8,410	7,866	-544	-6.5	9,701	8,641	-1,060	-10.9
Karnataka	4,850	4,715	-135	-2.8	6,583	5,506	-1,077	-16.4
Kerala	2,556	2,545	-11	-0.4	2,764	2,711	-53	-1.9
Tamil Nadu	8,716	8,561	-155	-1.8	8,776	8,591	-185	-2.1
Pondicherry	245	245	0	0.0	276	276	0	0.0
Lakshadweep #	6	6	0	0	6	6	0	0
Southern Region	24,083	23,207	-876	-3.6	25,682	24,194	-1,488	-5.8
Bihar	1,493	1,243	-250	-16.7	1,493	1,243	-250	-16.7
DVC	1,733	1,715	-18	-1.0	1,787	1,757	-30	-1.7
Jharkhand	660	651	-9	-1.4	672	672	0	0.0
Orissa	2,725	2,669	-56	-2.1	2,725	2,669	-56	-2.1
West Bengal	4,763	4,714	49	-1.0	4,887	4,854	-33	-0.7
Sikkim	45	45	0	0.0	45	45	0	0.0
Andaman-Nicobar ft	40	32	-8	-20	40	32	-8	-20
Eastern Region	10,874	10,510	-364	-3.3	10,874	10,562	-312	-2.9
Arunachal Pradesh	78	57	-21	-26.9	81	57	-24	-29.6
Assam	799	707	-92	-11.5	829	707	-122	-14.7
Manipur	100	90	-10	-10.0	100	'X)	-10	-10.0
Meghalaya	388	278	-110	-28.4	404	278	-126	-31.2
Mizoram	60	52	-8	-13.3	77	52	-25	-32.5
Nagaland	82	82	0	0.0	82	82	0	0.0
Tripura	142	141	-1	-0.7	147	141	-6	4.1
North-Eastern Region	1,589	1,343	-246	-15.5	1,589	1,343	-246	-15.5
All India	99,015	88,742	-10,273	-10.4	102,428	88,742	-13,686	-13.4

Lakshadweep and Andaman & Nicobar Islands are stand-alone systems, power supply position of these, does not form part of regional requirement and availability.

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